AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application.

Listing of Claims:

1. (Currently Amended) A method for managing axial images, the method comprising:

receiving at least a portion of a reconstructed axial image, wherein said reconstructed axial image includes a pre-selected number of completed reconstructed slices, a slice thickness and an interval value;

creating a reformatted axial image in response to said portion of said reconstructed axial image, wherein said creating includes:

modifying said slice thickness in response to user slice thickness input;

modifying a pixel intensity in response to a user render option input;

updating said interval value in response to user interval value input; and

displaying said reformatted axial image in response to user display input, said user display input comprises:

an instruction to save a current view of said reformatted axial image in a secondary capture image format; and

an annotation level selection including ~~at least three or more~~a full annotation level, a partial annotation level, a custom annotation level, and a none annotation levels.

wherein the full annotation level displays a current acquisition status, a current reformat location, a current reformat thickness, a date, a patient name, and a hospital name.

2. (Original) The method of claim 1 wherein said user interval value input includes an explicit value for said interval value.

3. (Original) The method of claim 1 wherein said user slice thickness input includes an explicit value for said slice thickness.

4. (Original) The method of claim 1 further including:

receiving at least one additional said completed reconstructed slice; and

displaying said reformatted axial image in response to said user display input and to said additional completed reconstructed slice.

5. (Original) The method of claim 4 wherein said receiving at least one additional said completed reconstructed slice is performed in response to a user selecting a resume acquire button.

6. (Original) The method of claim 1 wherein said receiving, said creating and said displaying are performed in an interactive mode.

7. (Cancelled)

8. (Previously Presented) The method of claim 1 wherein said user display input includes a zoom option.

9. (Cancelled)

10. (Original) The method of claim 1 wherein said user display input includes an image location selection.

11. (Original) The method of claim 1 wherein said user display input includes a resize selection.

12. (Original) The method of claim 1 wherein said user display input includes a measurement selection.

13. (Original) The method of claim 1 wherein said user display input includes an instruction to save said reformatted axial image in a reformat format.

14. (Cancelled)

15. (Original) The method of claim 1 wherein said user slice thickness input includes an instruction to change said slice thickness by a pre-selected value.

16. (Original) The method of claim 1 wherein said user slice thickness input includes an instruction to set said slice thickness to a pre-selected value.

17. (Original) The method of claim 1 wherein said user interval value input includes an instruction to change said interval value by a pre-selected value.

18. (Original) The method of claim 1 wherein said user interval value input includes an instruction to set said interval value to a pre-selected value.

19. (Currently Amended) A method for managing axial images, the method comprising:

receiving a reconstructed axial image, wherein said reconstructed axial image includes a slice thickness and an interval value;

creating a reformatted axial image in response to said reconstructed axial image, wherein said creating includes:

modifying said slice thickness in response to user slice thickness input;

modifying a pixel intensity in response to a user render option input;

updating said interval value in response to user interval value input wherein said user interval value input includes an explicit value for said interval value; and

displaying said reformatted axial image in response to user display input, said user display input comprises:

an instruction to save a current view of said reformatted axial image in a secondary capture image format; and

an annotation level selection including a full annotation level, a partial annotation level, a custom annotation level, and a none annotation level, wherein the full annotation level displays a current acquisition status, a current reformat location, a current reformat thickness, a date, a patient name, and a hospital name.~~at least three or more annotation levels..~~

20. - 31. (Cancelled)